

### Listing of the Claims

1. (Currently Amended) A medical measuring device (10) comprising at least one measuring apparatus (12, 14), which has at least one sensor (16, 18) for generating a measuring signal of a patient (20, 22) and a measuring data detection device (24) which is designed to exchange measuring signals with the at least one measuring apparatus (12, 14) via an, in particular, wireless communication route (24, 26), wherein the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals.
2. (Currently Amended) A The medical measuring device as claimed in claim 1, ~~characterized in that wherein~~ the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals acoustically (28, 30).
3. (Currently Amended) A The medical measuring device as claimed in claim 1 or 2, ~~characterized in that wherein~~ the at least one measuring apparatus is designed to signal the quality of the measuring signals optically (32, 34).
4. (Currently Amended) A The medical measuring device as claimed in claim 3, ~~characterized in that wherein~~ the at least one measuring apparatus has a light means (32, 34) with different colors, each color being associated with a predetermined range of a signal quality and activated when the quality of the measuring signals is in the correspondingly predetermined range.
5. (Currently Amended) A The medical measuring device as claimed in claim 4, ~~characterized in that wherein~~ three different colors are provided for a range of poor quality, a range of medium and a range of high quality of the measuring signals.
6. (Currently Amended) A The medical measuring device as claimed in ~~any one of the preceding claims~~ 1, ~~characterized in that wherein~~ the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals automatically.

7. (Currently Amended)      A The medical measuring device as claimed in claim 6, ~~characterized in that wherein~~ the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals when it is placed on a patient at another measuring site.
8. (Currently Amended)      A The medical measuring device as claimed in claim ~~16~~ or 7, ~~characterized in that wherein~~ the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals, when a substantial change in the quality of the measuring signals is detected.
9. (Currently Amended)      A The medical measuring device as claimed in ~~any one of the preceding claims~~ 1, ~~characterized in that wherein~~ the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals on demand (36).
10. (Currently Amended)      A The medical measuring device as claimed in ~~any one of the preceding claims~~ 1, ~~characterized in that wherein~~ the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals in such a way that falling below a predetermined signal quality is signaled.
11. (Currently Amended)      A The medical measuring device as claimed in ~~any one of the preceding claims~~ 1, ~~characterized in that wherein~~ the at least one measuring apparatus (12, 14) is designed to signal the quality of the measuring signals on the basis of an evaluation of one or more ~~parameters such as~~ perfusion index, transmission level, interference level, and the signal form ~~or the like~~.
12. (Currently Amended)      A The medical measuring device as claimed in ~~any one of the preceding claims~~ 1, ~~characterized in that wherein~~ the at least one measuring apparatus is a pulsoximometer (14, 18), an ECG recorder (12, 16) ~~and/or~~ ultrasound measuring head.

13. (New) A medical measuring device comprising at least one measuring apparatus including one or more sensors designed to contact a portion of a patient; and  
a measurement display apparatus that displays measurement data wirelessly transferred from the at least one measuring apparatus;  
wherein the at least one measuring apparatus includes a means for determining and a means for signaling a signal quality of the measurement data.
14. (New) The medical measuring device of claim 13, wherein the means for signaling the signal quality generates an acoustic signal.
15. (New) The medical measuring device of claim 13, wherein the means for signaling the signal quality generates an optical signal.
16. (New) A medical measurement device comprising at least one measurement apparatus including a means for wirelessly transmitting medical data to a remote site, one or more sensors for measuring medical data, and a means for determining and a means for signaling a signal quality of the medical data.
17. (New) The medical measuring device of claim 16, wherein the means for signaling the signal quality generates an acoustic signal.
18. (New) The medical measuring device of claim 16, wherein the means for signaling the signal quality generates an optical signal.